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- 1 Proceedings of the fifth international conference on Knowledge capti

 Yolanda Gil, Natasha Noy
September 2009 **K-CAP '09: Proceedings of the fifth international conference on Knowledge capture**

Publisher: ACM

Additional Information: full citation, abstract

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downlo

In today's knowledge-driven world, effective access to and use of information is not only a matter of technology, but also a matter of how people interact with it. Knowledge management technologies have become essential tools for organizations to manage their knowledge assets effectively. They not only facilitate the storage and retrieval of knowledge, but also support the creation, sharing, and reuse of knowledge across different domains. In this paper, we discuss the challenges of integrating knowledge management technologies into organizational processes and how they can be used to improve decision-making and innovation.

- 2 Reconfiguring critical computing in an era of configurability

 Ellen Balka, Ina Wagner, Casper Bruun Jensen
August 2005 **CC '05: Proceedings of the 4th decennial conference on Critical computing**

Publisher: ACM

Full text available:  PdI (212.76 KB)

Additional Information: full citat

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 53, Downlo

In this paper, we discuss the challenges of altering computer systems to support reconfiguration for use in complex organizational and technological work environments. We argue that reconfiguration is a key enabler for the development of more flexible and adaptive systems, and that it can help organizations to better respond to changing circumstances. We also highlight the need for further research and development in this area, particularly in terms of improving the efficiency and effectiveness of reconfiguration processes.

Keywords: configurability, large scale systems, organizational issues, s

- 3 On developing a simple in-house digital library archive

 Eric L. Brown, Luis G. Velasco, G. Kirksey, S. Ramaswamy, M. Rogers
March 2005 **ACM-SE 43: Proceedings of the 43rd annual Southeast Conference on Management of Science and Technology**

Publisher: ACM 

Full text available:  PdI (424.88 KB)

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Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 43, Downlo

Digital libraries (DLs) have become a major focus of information technology research and development. One of the main reasons for this is that DLs have the potential to revolutionize the way we access and use information. By providing a centralized, accessible, and organized way to store and retrieve information, DLs can help organizations to better manage their knowledge assets and improve their decision-making processes. In addition, DLs can also facilitate the sharing and reuse of information across different domains, which can lead to significant improvements in efficiency and effectiveness.

Keywords: XML, data compression, database management, digital archiving, multimedia streaming

4

A methodology for guided behavioral-level optimization

-  Lisa Guerra, Miodrag Potkonjak, Jan Babaey
May 1998 DAC '98: Proceedings of the 35th annual Design Automation Conference
Publisher: ACM 
 Full text available:  Pdf (351.04 KB) Additional Information: [full citation](#)
- Bibliometrics:** Downloads (6 Weeks): 23, Downloads (12 Months): 77, Downloaded by: 1 user

Optimization at the early stages of design are crucial. However, due to the complexity of the problem, design exploration is often conducted in a qualitative, ad-hoc manner. This paper presents a framework for quantitative analysis of design space exploration.

- Keywords:** congestion, global routing, quadratic placement, relaxed pin placement, design automation
-  5 Stability of persistence diagrams
David Cohen-Steiner, Herbert Edelsbrunner, John Harer
June 2005 SCG '05: Proceedings of the twenty-first annual symposium on Computational geometry
Publisher: ACM 
 Full text available:  Pdf (186.71 KB) Additional Information: [full citation](#)
- Bibliometrics:** Downloads (6 Weeks): 2, Downloads (12 Months): 22, Downloaded by: 1 user

The persistence diagram of a real-valued function on a topological space is stable under mild assumptions on the function, the persistence diagram is stable under continuous deformations of the function. This paper proves this stability theorem and extends it to persistence barcodes.

- Keywords:** combinatorial topology, continuous functions, homology groups, persistence diagrams, stability
-  6 Visualization and the process of modeling: a cognitive-theoretic view
Andrew W. Crapo, Laurie B. Waisel, William A. Wallace, Thomas R. Williams
August 2000 KDD '00: Proceedings of the sixth ACM SIGKDD international conference on Knowledge discovery and data mining
Publisher: ACM 
 Full text available:  Pdf (157.12 KB) Additional Information: [full citation](#), [bibliometrics](#)
- Bibliometrics:** Downloads (6 Weeks): 13, Downloads (12 Months): 87, Downloaded by: 1 user

Keywords: cognition, expert modeler, representation, visualization

-  7 An experimental investigation of turnover intentions among new entrants
Ritu Agarwal, Thomas W. Ferratt, Prabuddha De
February 2007 SI GMIS Database, Volume 38 Issue 1
Publisher: ACM
 Full text available:  Pdf (342.61 KB) Additional Information: [full citation](#), [bibliometrics](#)
- Bibliometrics:** Downloads (6 Weeks): 16, Downloads (12 Months): 143, Downloaded by: 1 user

Although much research has focused on factors driving the turnover behavior of employees, little is known about their exits, antecedents, and outcomes in an employment relationship.

- Keywords:** experimental approach, it professionals, new entrants, situational factors, turnover
-  8 Diary as dialogue in papermill process control
Mike Robinson, Mikko Kovalainen, Esa Auramäki
January 2000 Communications of the ACM, Volume 43 Issue 1

Publisher: ACM  [Request Permissions](#)

Full text available:  [Html](#) (33.37 KB),  [Pdf](#) (456.74 KB) Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 30, Download

9 On improving wikipedia search using article quality

 [Meiqun Hu, Ee-Peng Lim, Aixin Sun, Hady Wirawan Lauw, Ba-Quy Vuong](#)
November 2007 **WIDM '07: Proceedings of the 9th annual ACM international conference on Web information systems and technologies**

Publisher: ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (270.29 KB) Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 92, Download

Wikipedia is presently the largest free-and-open online encyclopedia collection. Wikipedia offers full-text search to its users, the accuracy of its relevant

Keywords: collaborative authoring, quality-aware search, wikipedia

10 Feature Selection for Unsupervised Learning

[Jennifer G. Dy, Carla E. Brodley](#)

December 2004 **The Journal of Machine Learning Research**, Volume 5

Publisher: JMLR.org

Full text available:  [Pdf](#) (725.21 KB) Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): 56, Downloads (12 Months): 368, Download

In this paper, we identify two issues involved in developing an automatic feature selection algorithm for unsupervised learning. The first issue is how to measure the quality of a feature set. The second issue is how to find the number of clusters in conjunction with feature selec

11 Design and management of data warehouses report on the DMDW's

 [Stella Gatzlau, Manfred Jeusfeld, Martin Staudt, Yannis Vassiliou](#)

December 1999 **SIGMOD Record**, Volume 28 Issue 4

Publisher: ACM

Full text available:  [Pdf](#) (37.25 KB) Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 48, Download

12 Domain specific language implementation via compile-time meta-programming

 [Laurence Tratt](#)

October 2008 **Transactions on Programming Languages and Systems**

Publisher: ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (233.80 KB) Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): 24, Downloads (12 Months): 232, Download

Domain specific languages (DSLs) are mini-languages that are increasingly popular among non-developers alike. DSLs must currently be created in an ad-hoc fashion. This paper presents a general approach to domain-specific language implementa

Keywords: Syntax extension, compile-time meta-programming, domain-specific languages

13 More Letters

[Linux Journal Staff](#)

March 2000 **Linux Journal**, Volume 2000 Issue 71es

Publisher: Specialized Systems Consultants, Inc.

Full text available: [HTML](#) (17.11 KB) Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 2, Download

- 14** The infocious web search engine: improving web searching through

[Alexandros Ntoulas, Gerald Chao, Junghoo Cho](#)

May 2005 **WWW '05: Special interest tracks and posters of the 14th i**

Publisher: ACM

Full text available: [PDF](#) (227.88 KB)

Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 39, Download

In this paper we present the Infocious Web search engine [23]. Our goal is to improve web search engines by extracting information from the Web that is not explicitly provided by the user. We focus on extracting information on the Web by resolving ambiguities present in natural language processing, part-of-speech tagging, phrase identification, web

Keywords: concept extraction, crawling, indexing, information retrieval, natural language processing, part-of-speech tagging, phrase identification, web

- 15** 6DMPP: small worlds in mobile peer-to-peer networks

[Ke Zuo, Quanyuan Wu](#)

November 2009 **ICIS '09: Proceedings of the 2nd International Conference on Information Systems**

Human

Publisher: ACM

Full text available: [PDF](#) (239.99 KB)

Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 28, Download

We present 6DMPP, a novel network routing protocol that improves routing efficiency by reducing average routing lengths. The key idea is to arrange all nodes in a

Keywords: mobile peer-to-peer networks, network routing protocol, small world

- 16** Toward intelligent support of authoring machinima media content: situation analysis

[Mark O. Riedl, Jonathan P. Rowe, David K. Elson](#)

January 2008 **INTETAIN '08: Proceedings of the 2nd international conference on Intelligent TAI**

Publisher: ICST (Institute for Computer Sciences, Social-Informatics and Telecommuni

Full text available: [PDF](#) (707.73 KB)

Additional Information: [full citation](#)

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The Internet and the availability of authoring tools have enabled a great number of nonexperts to create media content. However, while media authoring tools often make it easier to create media artifacts, ...

Keywords: camera control, intelligent authoring support, machinima, situation analysis

- 17** Visual algorithms for post production

[Simon Robinson, Anil Kokaram, Mike Seymour](#)

August 2009 **SI GGRAPH '09: SIGGRAPH 2009 Courses**

Publisher: ACM

Full text available: Pdf (1.33 MB)

Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): 64, Downloads (12 Months): 170, Download

The work of the visual algorithms community (for example the work of : world film post production. But often academics in the relevant fields ha

18 STEP: Self-Tuning Energy-safe Predictors

James Larkby-Lahet, Ganesh Santhanakrishnan, Ahmed Amer, Panos K. Christou, May 2005 **MDM '05: Proceedings of the 6th international conference on mobile data management**

Publisher: ACM

Full text available: Pdf (268.35 KB)

Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 23, Download

Data access prediction has been proposed as a mechanism to overcome energy in mobile systems. We present a fully adaptive predictor, that can simultaneously ...

Keywords: adaptive caching, mobile computing, power management, prediction, self-tuning

19 Superiority and complexity of the spaced seeds

Ming Li, Bin Ma, Louxin Zhang, January 2006 **SODA '06: Proceedings of the seventeenth annual ACM-SIAM symposium on discrete algorithms**

Publisher: ACM

Full text available: Pdf (236.99 KB)

Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 30, Download

Optimal spaced seeds were introduced by the theoretical computer science community in 1994. They have since become the standard for sequence homology search sensitivity. They are now serving thousands of homology search engines.

20 A tribute, not a memorial: understanding ambiguous loss

Pauline Boss, June 2008 **SI GMOD Record**, Volume 37 Issue 2

Publisher: ACM

Full text available: Mp3 (39.32 MB), Pdf (116.60 KB), Rm (164.24 MB) Additional: [MP3](#)

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 35, Download

In this paper, I discuss ambiguous loss, why it is so traumatizing, what it means to grieve a trace, and why a tribute is more appropriate than a memorial. The paper also discusses the history of the term "ambiguous loss" and its use in psychology and psychiatry.

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